



Material Content Data Sheet



Sales Product Name	SKP10N60A			Issued		10. February 2016		
MA#	MA000695008							
Package	PG-TO220-3-1			Weight*		2034.22 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.289	0.21	0.21	2108	2108
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.08	40.13	400808	401330
wire	non noble metal	aluminium	7429-90-5	25.382	1.25	1.25	12477	12477
encapsulation	organic material	carbon black	1333-86-4	5.734	0.28		2819	
	plastics	epoxy resin	-	108.948	5.36		53558	
	inorganic material	silicondioxide	60676-86-0	458.730	22.55	28.19	225506	281883
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10551	10551
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	non noble metal	antimony	7440-36-0	0.280	0.01		138	
	noble metal	silver	7440-22-4	0.701	0.03		345	
	non noble metal	tin	7440-31-5	1.823	0.09	0.13	896	1379
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	28.98	29.02	289775	290152
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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